

Abstract

SYSTEM, METHOD AND PROGRAM FOR GROUPING DATA UPDATE REQUESTS FOR EFFICIENT PROCESSING

A system, method and program product for processing a multiplicity of data update requests made by a customer. All of the data update requests are grouped into a plurality of blocks for execution by a data processor. The data update requests within each of the blocks and from one of the blocks to a next one of the blocks are arranged in an order that the data update requests need to be executed to yield a proper data result. Each of the blocks have approximately a same capacity for the data update requests. The capacity corresponds to a number of the data update requests which the data processor can efficiently process in order before processing the data update requests in the next one of the blocks. Then, the data processor processes the data update requests within the one block in the order. Then, the data processor processes the data update requests within the next block in the order. The order is an order in which the data update requests were made. The capacity corresponds to a number of the data update requests which the data processing unit can optimally process in order in the one block before processing the data update requests in the next one of the blocks.